Index of Claims											F	Application/Control No.										ppl eex	ica	nt(s	s)/P	ate n	nt	unde			
# PANTO AND												0	9/9	32	,43	9						J	AN	IG I	ΕT	AL					
												09/932,439 Examiner Hong Cho									JIANG ET AL. Art Unit 2616										
																											۱				
		√	R	Reje	ecte	ed			-	Τ)	hrou Ca	igh i	numo	eral)		N No				on-Elected			A	Appeal							
		=	£	Allo	we	ed			÷		Re	Restricted					ı	Interference			nce	1	0	Object			ted	i			
Cla		,				Dat	- e			7	Cli	aim	T			Date				7	CI	aim				Da	ate				1
				T	П	T	ŤΤ		Т				П		Π					1	<u> </u>	T				Ť	Ť	Т		Τ	ĺ
Final	Original	3/21/06									Final	Original									Final	Original									
1	1	=		╁	T	T		7	\dashv	7	-	51	11	\top			7	十	╁	7		101	\Box	\neg	十	+	+	十	+-	†	1
	2											52										102									
_	-5			<u> </u>	ļ.,	ļ	11		_	_	L	53			\sqcup	_	_	4	_	4		103		_	_	_		4		1_	1
2	4		_	┼	╀	├	\vdash	_	-	_	<u> </u>	54 55	╁	-	\vdash	_	-	-	+	4	<u> </u>	104 105	+	_		+	_		+	+-	ļ
7	5 6	H		1-	-	-	1		+			56	╁╌┼			-		+		-	-	105	+	-		-		+	+-	+	ł
4	7	Н	_	╁╌	╁╴	╁╌	1 1	\dashv	-+	-	<u> </u>	57	╁┼	+	\vdash			+	-	-	├	107	+	\dashv	-	+	-	+	┿	╁	1
5	8	Н	_	1	T	┢		\neg	\dashv			58	1	+-	\vdash	_		\top	\top			108	\Box	\neg	\dashv	十	\dashv	+	十	\top	1
6	9	П										59										109						\top			
8	10	Ш										60										110									
9	11	Щ		<u> </u>	<u> </u>	<u> </u>				_	<u> </u>	61		_		_	_	4	4	_		111	 	_		_	_	4	_	4_	
10	12	Н		╄	╄	\vdash	\vdash	-	+	_	<u> </u>	62	$\vdash \vdash$	+	\vdash	\dashv	4	+	+	4		112		4	-+	_	_	+	_	+	
11 12	13 14	Н		╁	\vdash	\vdash	\vdash	\dashv	\perp	_	<u> </u>	63 64	\vdash	-	\vdash	-	\dashv	+	+	-		113 114				-			+-	+-	1
13	15	Н		╁	\vdash	\vdash	\vdash	_	+	-	\vdash	65	\vdash	+	\vdash	_	\dashv	+	-	\dashv		115	╁	\dashv	_	+	+	+	+-	+-	ł
14	16	H	_	\vdash	t	╁╴	+	\dashv	+	-	—	66	\vdash	+	\vdash		-	\dashv	+	1		116	+	\dashv	_	+	+	+	+	+	1
15	17	=		╁┈	t	十一	1 1		\top	-1		67		+	H			\dashv	+	7		117	1 1	一		\top		\top		+-	
 -	48-			1	t	Г			\top			68		\top				十	Ì	1		118	1 1	\dashv		1		T		T	1
16	19	=	_									69										119								\perp	
17	20	11								_		70					\Box	\Box	\bot			120				\bot		\perp			1
18	21	ŋ		ļ	↓_	 	↓ ↓	_	_	_	<u> </u>	71		4	\sqcup	_	_	-	_	_	<u> </u>	121	\sqcup			\bot	_	_	_	↓_	
10	-22-			ـ	-	-	++	4	-+	_	<u> </u>	72	-	_	\vdash		-	\dashv		-	<u> </u>	122		_	-	-		+	+	+-	1
19 20	23 24	- 11		╁	┼-	╁	┼╌┼	\dashv		-		73 74	\vdash	+	\vdash		-	+		-		123 124		\dashv		+	+	+-	+	+	1
20	25	Н		1_	1	_	├ ─├	_		_		75		L_	1			L				124								1	1

	10	1	1 1				-	ł	1 1		i	۱۷					ŀ						U						.			- 1
1	1	=		T	T		\top	T		Ī		51			寸		\top	┰	\top		1	\Box	101					\Box	\neg	\neg	\neg	コ
	2		İΤ	1	T	7				r		52			T		T	十一	1		1		102	_		_		\Box	一	\neg	\neg	_
	-5	1	tt	\dashv	Ť	_	\top	+		F		53		_	7	-	\dashv	+	\dagger		1	-	103		\neg	_			\neg	_	_	\dashv
2	4	=	t	+	十		+	_	\vdash	h		54		\dashv	-	_	\dashv	+	t		1		104		Н		\vdash	_	_	\neg	-	\dashv
3	5	-	\vdash	╅	╅	+	-	╈	+	F	\rightarrow	55		\dashv	+	-+-	+	+	+	-	1	\vdash	105		Н	_	-	-	-	\dashv	\dashv	\dashv
7	6	H	 	+	+	+	+	╅	-	ŀ		56			+		+	+-	+	-	1	-	106					-	\dashv	\dashv	-	
4	7	H	+	+	+	+	+-	+-		ŀ		57	-	-	-+	-	+	+	+-	Н-	┨	$\vdash\vdash$	107		\vdash	-		-	\dashv	-+	-+	
		H	} }	+	+	+	+-	╁	+	H		58	-	-+	-+	-		+	╁		┨	\vdash		_	-	-	H	\vdash	\dashv	\dashv	+	\dashv
5	8	Н	₩	-	+	+	+	+-		-		50	_				-	+	-	-	ł	 	108	_	Н	_	_	\vdash	\dashv	-	$-\!+$	\dashv
6	9	H	\vdash	+	+	+	+	+		ŀ		59 60	-		\dashv	-+-	+	+	┼	\vdash	┨		109 110				-	\vdash		-	\dashv	\dashv
8	10	H	 	+	+	+	+-		-	F			-	-	\dashv		+	+	-		4	 			щ	_		\vdash		-	\dashv	\dashv
9	11	Н	\vdash	-	+	+	-	_	—	-		61	_	\dashv	_	_	_	+	-	ļ	ļ		111		Ш	_		-	_	\dashv		_
10	12	Н	-	+	+	+	+	+	\perp	-		62	_	\rightarrow	\dashv	_	+	┿	\vdash	_	4	\vdash	112		_		_	_		_		_
11	13	Н	1	4	\bot	4	_	4		L		63	_		\perp		_	\bot	_				113						\dashv	_		
12	14	ш	Ll	_	4	4	_	4	1	L		64	_		_	_		┿	<u> </u>		1		114						_	_	_	_
13	15	\sqcup	$\bot\bot$	\perp	\perp	\perp	\perp	\perp				65	_	\sqcup	_	\dashv	\bot	\bot	4	_	1	\sqcup	115		Щ			Щ		_	\dashv	_
14		\perp	\sqcup	\perp	4	_	\perp	\perp	\perp	Ļ		66			_	\perp	\perp	1	1_	<u> </u>		$\sqcup \sqcup$	116		Ш			Щ			\dashv	_
15	17	=	$\sqcup \bot$	\perp	\perp		\perp	\bot		L		67		\perp	_	\perp	_	1	1_		1	igsquare	117		Ш		Ш	Ш	Ш		\dashv	_
	48-			\perp	_					L		68		\perp					丄	<u> </u>]		118							\Box	\perp	
16	19	Ξ		\perp	⊥	_		\perp		L		69		\sqcup		\perp		\perp	_				119			<u></u>	_	Ш		\bot	\perp	_
17	20	=		\perp						L		70							1_				120			L						
18	21	=		\perp			_L	┸	ot			71]		121								\perp	
	-55-			\perp						L		72							1				122								\bot	
19	23	=										73											123									
20	24	ī		Т		T	\top	Т	\top	Γ		74						Т	Т		1		124						П		\neg	\neg
21	25		11-	\top	┰	T		T		Ī		75		\Box			Т	T	Τ_		1		125						\neg	\exists	\neg	
22	26	П	i -i -	\top			$\neg \vdash$			ſ		76				T			\top		1		126						\neg		\neg	1
23	27	П		7	1		$\neg \vdash$	T		Γ		77		\Box	\Box			Т	\top		1		127						\Box	\Box		7
24	28	π		1	1			╅		r		78						T	1		1		128									コ
25	29	H		十	┪	_	_	╅		Ī		79		T		7		_	1		1		129						\neg		\dashv	7
26	30	Ħ		Ť	Ť	1	\top	+	+	Ì		80		\neg	7	_		\top	1		1		130	_		\vdash	-		\neg	\neg	$\neg \uparrow$	\neg
27	31	Н		+	Ť	+	1	1	\top	İ		81			T		+	+	T	ļ	1		131						\dashv	_	\dashv	\dashv
28	32	<u>+</u>		_	\top	Ť	\top	+-	\top	ı		82		\neg	\dashv	\dashv	\top	+	1		1		132		Н	-		\Box			\dashv	_
	-33	_		$^{+}$	╅	+	\top	+	+	ŀ		83		\dashv	寸	-+	+	+	+-	-	1		133			-			\dashv	十	_	\dashv
29	34	=	t	+	\top	+	+	+		ŀ	+	84			\dashv	-+	\dashv	+-	+-		-		134		-		-	\neg	\dashv	一	十	-1
1-5	35	┍	++	+	+	+	+	+	+	ŀ	-+	85	\dashv	\vdash	-	\dashv	+	+	+	<u> </u>	1	\vdash	135		H	-		\dashv	\dashv	\dashv	\dashv	\dashv
30	36	=		+	+	+	+	+	+	ŀ	\dashv	86	-	\vdash	-1	-+	-	+	+	 	1	$\vdash \vdash \vdash$	136		Н			\vdash		\dashv	\dashv	\dashv
+	37	1	 	+	+	+		+	+	 -		87		-	-	-+	+	+	+	H	1	 	137	-	H	\vdash	\vdash	-	\dashv	\dashv	\dashv	-
	38	-	+	+	-+-	+	+	+	+-	H		88	\dashv	\dashv	-+	-	+	+-	+-	 	1	$\vdash \vdash \vdash$	138				-	\dashv	\dashv	\dashv	\dashv	\dashv
	39	-	+	+	+	+	+-	+	+	-		89	\dashv	\dashv	\dashv	+	+	+	+	-	1	$\vdash \vdash \vdash$	139		Н	\vdash	\vdash		\dashv	\dashv	\dashv	\dashv
—	40	-	-	+	+	+		+	+	ŀ		90	\dashv	\dashv	-+	\dashv	+	╁	╁	-	ł	\vdash	140		Н	-	-	\dashv	\dashv	-+	\dashv	\dashv
-	41	\vdash	\vdash	+	+	+	+	╁	+	H		91		\dashv	\dashv	+	╁	+	+	⊢	ł	$\vdash \vdash \vdash$		\dashv	Н	├-	-	\dashv	\dashv	\dashv	+	\dashv
\vdash		\vdash	 	+	+	+		+	+	-					\dashv	+	+-	+	+-	├-	ł	├	141	-	Н	_	-	-		\dashv	\dashv	4
-	42	\vdash	\vdash	+	+	+	-	╁	+	-		92	\dashv	\dashv	-+	+		+	+-	-	ł	├ ─┤	142		Ш	-	\vdash	\dashv	\dashv	\dashv	\dashv	4
-	43	<u> </u>	-	4-	4	-	-	+	+	-		93	_	\dashv		4		+-	┼	<u> </u>	ł	 	143		Щ	-	ļ.,			4	-+	_
<u> </u>	44	\vdash	\vdash	4	+	4	-	+	+	-	\longrightarrow	94	_	\dashv		+	+	\bot	↓_	├	4	 	144		Щ		\vdash	_	_	4	-	4
<u> </u>	45	<u> </u>	\sqcup	4	4	4	\perp	1	\bot	-		95		\sqcup	_	\perp	\perp	4	<u> </u>	<u> ·</u>		igsquare	145		Ш		L.		_		_	4
<u></u>	46	<u> </u>	$\sqcup \bot$	_	\perp	_		_	\perp	L		96	_	_	_	_	4	4		ļ.,	Į		146		Ш		Щ		ᆚ		\perp	_
1			ı I	- 1	1	- 1	- 1	1	1 1	- 1	- 1	97	ļ		- [ļ	ļ	1	1		1	1 1	147					. 1	.	- 1		
<u> </u>	47	_	\vdash	—⊢	-	-				L					_	_		$\overline{}$									_	-	$\overline{}$			
	47 48			\pm	士	士		上				98						I]		148							丁		
	47			1	1	1	\pm	\pm	\exists	-					\exists			Ŧ	E				148 149 150					\exists]		